



Urban District of Chadderton.

# REPORT



ON

THE HEALTH OF THE DISTRICT, --  
THE SCHOOLS & SCHOOL CHILDREN,

For the Year 1915, by

JAMES WOOD, M.D., Ch.B., D.P.H.,

MEDICAL OFFICER OF HEALTH,  
SCHOOL MEDICAL OFFICER, --

AND

Medical Officer to the Chadderton, Royton, and Crompton  
JOINT HOSPITAL BOARD.



*Maternity & Child Welfare Comtee.*



LOCAL GOVT BOARD

100595

7 OCT 1916

Urban District of Chadderton.

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# Medical Officer's Annual Report.

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TO THE CHAIRMAN AND MEMBERS OF THE CHADDERTON URBAN  
DISTRICT COUNCIL.

GENTLEMEN,

I have the honour to submit to you the Annual Report for the year 1915, which, on the recommendation of the Local Government Board, is considerably curtailed.

A large number of men from the District having joined His Majesty's Forces made the estimated population for 1915 of no value, and a new estimate has been provided by the Registrar-General, the death-rates being calculated on these figures, whilst the birth-rate is calculated on the estimated population for the year 1914.

The death-rate is probably greater than it otherwise would have been, as the death-rate of men of military age is less than that of those over military age.

In May the Council granted one of the Health Visitors (Miss E. Wolstencroft) temporary leave of absence to undertake Military Nursing, and at the close of the year she was still so occupied.

I am, Gentlemen,

Your obedient Servant,

JAMES WOOD, M.D., D.P.H.

## Chadderton Urban District.

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### Summary of Statistics for the Year 1915.

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Area in Statute Acres .....	3,082
Population (Census) 1911 .....	28,305
Estimated Population 1915 (Registrar-General's) ...	27,868
Number of Inhabited Houses, Census 1911 .....	6,355
Average Number of Persons per House, Census 1911	4.45
Nett Births, 1915 { Males, 326 } Total .....	654
Nett Deaths ..... { Females, 328 } Total .....	430
Nett Deaths ..... { Males, 212 } Total .....	430
Nett Deaths ..... { Females, 218 } Total .....	430
Birth Rate .....	22.1
Death Rate .....	15.4
Infantile Death Rate .....	123.8
Zymotic Death Rate .....	1.43

Of the Deaths during the year 1915, or 31.4 per cent., were those of children under 5 years of age.

## Acute Infectious Diseases.

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**SCARLET FEVER.**—Ninety-three cases of this disease were notified during the year. One case died. The previous year there were two deaths out of 203 notified. During the first five months of the year 53 cases were notified, in July nine, and in August 14, the remaining months being comparatively free. Thirty-two cases (34.4%) were sent to the Isolation Hospital.

**ENTERIC FEVER.**—Two cases of Enteric Fever were notified during the year, and three deaths occurred—two of them being cases which were notified in 1914, giving a death-rate of 0.10 per 1,000. One of the two cases was removed to Westhulme Hospital. Last year three deaths occurred (excluding the two deaths mentioned above) out of the nine cases notified.

The blood of four suspected cases was sent for examination, two of which gave a positive result.

**DIPHTHERIA.**—Fourteen cases were notified during the year, against 25 the previous year. Four of these cases were sent to the Isolation Hospital. No case proved fatal. Two cases proved fatal the previous year, giving a death-rate of 0.067 per 1,000.

Three swabs were examined for the Diphtheria Bacillus; all were negative.

Anti-Diphtheritic Serum is supplied by the Council free of charge. There has been a greater demand for it than in previous years. The Serum can be obtained at the Town Hall during office hours, and at other times from the Police Station in Victoria Street.



**PUERPERAL FEVER.**—Four cases were notified, one of which died. Last year two cases were notified, and both recovered.

**ERYSIPELAS.**—Fourteen cases were notified during the year; all these recovered. The previous year there were 23 cases notified, and one died.

**MEASLES.**—Thirteen deaths were registered from Measles, two being under one year old. Last year 18 deaths occurred, four of which were under one year of age. The death-rate from this disease was 0.466 per 1,000, against 0.61 per 1,000 last year. During December public notice was given by the Council that Measles and German Measles would become compulsorily notifiable on the 1st of January, 1916.

**WHOOPIING COUGH.**—Five deaths were due to this disease, two being under one year old, two between one and two years, and one between two and five years old, the death-rate being 0.179 per 1,000. The previous year there were eight deaths from this disease, giving a death-rate of 0.27 per 1,000.

**TUBERCULOSIS.**—Eighty-two primary notifications of this disease were received, 57 being of the Pulmonary Form and 25 of Other Forms. Twenty-two deaths occurred from the former and nine from the latter, giving death-rates of 0.89 and 0.32 per 1,000 respectively. In 1914 the death-rate from the Pulmonary Form was 1.05 per 1,000, and from the Other Forms 0.34 per 1,000. Thirty-seven cases were visited at their homes. During the year the County Council appointed a Nurse, who visits the homes of the cases and makes a report to the Tuberculosis Officer, a copy of which is sent to your Medical Officer of Health.



There is no Sanatorium in the District. Twenty-nine patients were sent to various Sanatoria by the Insurance Committee during the year.

**DIARRHŒA AND ENTERITIS.**—The deaths from Diarrhœa and Enteritis numbered 18, the death-rate being 0.65 per 1,000, against 0.78 the previous year. During the early Summer months a pamphlet on the dangers of the “ fly nuisance ” was delivered to each house in the District. Ten of the deaths were of infants under one year of age. The previous year the number was 22.

**MORTALITY IN INFANCY.**—There were 81 deaths of children under one year of age ; six of these were illegitimate. The Infantile death-rate was 123.8 per 1,000 births, against 101 per 1,000 births in 1914. In England and Wales during 1915 there were 110 deaths under one year per 1,000 births. The chief causes of death being Premature Birth (18), Atrophy (10), Diarrhœa (8), Pneumonia (8). Thirty-three or 40.7 per cent. of the deaths under one year of age occurred in the first four weeks of life, 21 of this number being under one week old.

Infantile death-rates for Chadderton for the previous ten years :—

1905 .....	145	per 1,000.
1906 .....	117	„
1907 .....	166	„
1908 .....	147	„
1909 .....	103	„
1910 .....	152	„
1911 .....	141	„
1912 .....	129.6	„
1913 .....	116	„
1914 .....	101	„
Average for ten years .....	131.7	„

## Health Visitor's Report

From December 31st, 1914, to December, 1915.

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No. of Notifications of Births received .....	629
No. of Notifications by Registrar .....	35
No. of New Cases Visited .....	400
No. of Subsequent Visits .....	236
No. of Infants Breast-fed at First Visits .....	328
,,       ,,   Fed on Breast and other Foods at First Visits .....	17
,,       ,,   Infants Wholly Fed on Artificial Food .....	49
,,       ,,   Dead before Visiting.....	6
Still Births .....	22

I am pleased to report that the Mothers continued to receive the visits to their homes very well. In many cases the Mothers expressed a desire for further visits.

Owing to continued absence of Nurse Wolstencroft, who is engaged on Military Duties and has been since May, 1915, and the increase in attendances at the School Clinic, the number of visits is not as great as one would desire.

I find most parents have their infants sleeping with them at night. The Mothers are advised to provide cots for them, and in many cases cots have been procured. In very poor homes I advise clothes baskets or drawers to be used for the purpose.

A card on the care and feeding of infants is left at each house on the first visit.

There are many cases found of improper feeding, dirty bottles, unsuitable bottles (i.e., long tubed ones) and comforters. The latter I advise the Mother to destroy, and

instructions are given re the cleansing of bottles (of which there should be at least two) and the proper feeding of the infant. Mothers are also advised to put their children to sleep out of doors on suitable days, and also to provide for a sufficiency of fresh air during the night. Attention is also given to the storage of milk, and instructions given on the best method of storing such.

### FACTORY AND WORKSHOPS ACT.

There are 84 Factories (including non-textile factories) registered in the District.

Twenty visits have been paid to these, and 13 notices served relating to defective closet accommodation.

As regards the Workshops, of which there are 74 on the register, 44 visits have been paid to these, and three notices served, relating to such matters as want of limewashing and defective drains.

The majority of the Bakehouses are kept in a satisfactory condition. At the commencement of the year there were two underground bakehouses, but one has lapsed; the one remaining has previously been certified by the Council as to its suitability.

The following tabulated summary shows the work done during the year:—

#### 1.—INSPECTION.

	Inspection.	Number of		Prosecutions.
		Written	Notices.	
Factories (including Factory Laundries) .....	20	13	.....	—
Workshops, Workplaces .....	44	3	.....	—
Total .....	64	16	.....	—

## 2.—DEFECTS FOUND.

PARTICULARS.	Found.	Remedied.	H.M. Inspt.	Prose- cution.
Nuisances under the Public Health Acts :—				
Want of Cleanliness .....	—	...	—	...
Want of Ventilation .....	—	...	—	...
Overcrowding .....	—	...	—	...
Want of Drainage of Floors	—	...	—	...
Other Nuisances .....	3	...	3	...
Sanitary Accommodation :				
Insufficient .....	—	...	—	...
Unsuitable .....	13	...	13	...
Not Separate for Sexes..	—	...	—	...
Offences under Factory & Workshop Act :—				
Illegal Occupation of Under- ground Bakehouse .....	1	...	1	...
Breach of Special Sanitary Requirements for Bake- houses .....	—	...	—	...
Other Offences .....	—	...	—	...
Total .....	17	...	17	...

## 3.—HOMEWORK.

No Lists of Homework have been received during the year.

## 4.—REGISTERED WORKSHOPS.

Dressmakers and Milliners .....	2
Boot, Shoe, and Clogmakers .....	14
Plumbers .....	3
Bakehouses .....	40
Brushmakers .....	1
Skipmakers .....	2
Tinplate Workers .....	3
Mineral Water Works .....	3
Various Others .....	6
Total .....	74

## 5.—OTHER MATTERS.

Class (1).	Number (2).
Matters notified to H.M. Inspector of Factories .....	—
Failure to affix Abstract of F. & W. Acts .....	1
Action taken in matters referred by H.M. Inspector as Remediable under the Public Health Acts but not under the Factory and Workshops Acts.— Notified by H.M. Inspector. Reports (of action taken) sent to H.M. Inspector .....	—
Other .....	—
Underground Bakehouses in use at end of the year...	1

**HOUSING AND TOWN PLANNING, &c., ACT, 1909.**

During the year 175 houses were inspected in accordance with the Housing (Inspection of District) Regulations, 1910.

Of these 13 were represented as being unfit for human habitation, six have been closed, and two have since been made into one through house.

The following table gives particulars of work done:—

No. of Houses Inspected .....	175
No. considered unfit for Human Habitation .....	13
No. of Representations to Local Authority .....	13
No. of Closing Orders made .....	13
No. of Houses which were Made Fit after Closing	2

The addresses of the houses which were considered to be in a state so dangerous or injurious to health were Nos. 118 and 120 Burnley Lane, Nos. 65, 67, 2 and 4 off 55 Lansdowne Road, Nos. 26, 27, 31, 32, 35, 37, 38 Chadderton Fold. Nos. 118 and 120 Burnley Lane, 2 and 4 off 55 Lansdowne

Road have been closed, and 65 and 67 Lansdowne Road have been made into a through house and the closing order withdrawn.

You will observe from the following table that the largest number of houses inspected consisted of four rooms, and that only two cases of overcrowding were found.

Of the total number of houses inspected 172 were through houses, one was a single back or had no back door, and two were back-to-back houses.

The following table gives particulars of rooms and occupants at the time of inspection :—

No. of Rooms per House.	NO. OF OCCUPANTS PER HOUSE.										Total.
	1	2	3	4	5	6	7	8	9	10	
	NO. OF HOUSES.										
1	...	...	...	...	...	...	...	...	...	...	...
2	...	2	1	...	1	1	...	...	...	...	5
3	...	1	2	1	1	...	...	...	...	...	5
4	3	29	33	36	20	17	5	3	...	...	146
5	...	1	1	2	2	1	2	2	2	1	14
6	...	...	1	...	1	1	...	...	...	...	3
7	...	...	...	...	...	...	...	...	...	...	...
8	...	1	...	...	...	...	...	...	...	...	1
9	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	1	...	...	...	...	...	...	1
Totals	3	34	38	40	25	20	7	5	2	1	175

The following table gives the general character of defects found to exist:—

Defective Plastering of Walls and Ceilings .....	31
Dampness of House Premises .....	73
Defective Drainage .....	4
Untrapped Drains .....	22
Defective Roofs .....	5
Defective Eavesgutters .....	5
Defective Downspouts .....	9
Defective Brickwork of Houses and Outbuildings .....	8
Defective and Unpaved Yards .....	37
Defective and Insufficient Ash-bins .....	7
Defective Ash-pits .....	9
Defective Sink Waste-pipes .....	13
Want of Pointing to External Walls & Chimney Stacks .....	20
Defective Floors .....	36
Want of Sash Cords .....	31
Want of Cleansing and Limewashing of Walls & Ceilings .....	26
Defective Slop-stones .....	2
Defective Stairs .....	3
Animals so kept as to be a Nuisance .....	2
Broken Window Panes .....	6
Defective Closet Accommodation .....	3
Miscellaneous Defects .....	6

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## VITAL STATISTICS OF THE DISTRICT.

REGISTRAR-GENERAL'S ESTIMATED POPULATION - 27,868.

### DEATHS.

375 Deaths were registered in Chadderton, giving a crude death-rate of 13.09 per 1,000 of the estimated population. Of the above deaths 13 were non-residents in the District, and were transferred to their respective areas. On the other hand, 68 deaths of persons belonging to Chadderton occurred in other Districts, and have to be added to the above. Thus the nett deaths are 430 (212 Males and 218



Females), the nett death-rate being 15.42 per 1,000, the average for the last ten years being 16.6 per 1,000. The death-rates for the past ten years being:—

1905 .....	17.1
1906 .....	18.1
1907 .....	19.1
1908 .....	17.3
1909 .....	16.1
1910 .....	16.4
1911 .....	16.3
1912 .....	17.0
1913 .....	13.7
1914 .....	15.2
<hr/>	
Average for last 10 years .....	16.6
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The standardised death-rate for the year was 16.76, that of England and Wales being 14.8 per 1,000.

Forty deaths were due to the seven principal Zymotic Diseases, giving a zymotic death-rate of 1.43 per 1,000, against 1.86 last year. For the past five years the numbers are:—

	1911.	1912.	1913.	1914.	1915.
Smallpox .....	0	0	0	0	0
Scarlet Fever .....	3	3	3	2	1
Diphtheria .....	1	2	5	2	0
Enteric Fever .....	2	3	2	3	3
Measles .....	14	19	4	18	13
Whooping Cough ....	8	8	3	8	5
Diarrhœa .....	47	6	29	22	18
	<hr/>				
	75	41	46	55	40
	<hr/>				
Zymotic death-rate .	1.8	1.43	1.57	1.86	1.43
	<hr/>				

The Coroner held 23 Inquests during the year and six Enquiries. Six deaths were uncertified.

## BIRTHS.

During the year 650 Births were registered in Chadderton, and four were supplied by the Registrar-General, making a total of 654 (326 Males and 328 Females), the birth-rate being 22.1 per 1,000 of the estimated population for 1914. This is the lowest birth-rate registered in the District, the previous lowest being 24.1 last year. Thus, this year we have nine more deaths in children under one year of age and 53 fewer births than in 1914.

There were 23 Illegitimate Births (7 Males and 16 Females), being 3.5 per cent. of the births, the same as last year.

Birth-rates in Chadderton for the previous 10 years :—

1905 .....	27.2	per 1,000
1906 .....	28.0	„
1907 .....	28.8	„
1908 .....	28.7	„
1909 .....	29.5	„
1910 .....	25.6	„
1911 .....	25.2	„
1912 .....	24.2	„
1913 .....	25.0	„
1914 .....	24.1	„

Average for the previous ten years .....	26.6	„
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It will be observed that this year's birth-rate is 4.5 per 1,000 below the average for the past ten years, which means that the number of births this year is 125 less than it would have been if the average had been maintained.

I have the honour to be, Gentlemen,  
Your obedient Servant,

JAMES WOOD, M.D., D.P.H.,  
MEDICAL OFFICER OF HEALTH.

## Report of Inspector of Nuisances.

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TO THE MEDICAL OFFICER OF HEALTH.

I herewith submit for your information my Annual Report for the year ended December 31st, 1915.

In connection with the abatement of nuisances and defective sanitary arrangements I have continued my usual practice, when in the discovery of any nuisance, either as the result of a complaint, house-to-house or other inspection, of forwarding to the Owner or Agent the informal notice specifying the works necessary to abate the nuisance, and in every case it is my aim to see that all works are carried out in the best manner possible, so that the work done will be of a permanent character and will comply with the requirements.

In many cases no further notice is required; the work is carried out and good results obtained. There are, however, a few people who will not attempt to make any compliance with a notice, statutory or otherwise, until a threat to either prosecute or enforce the notice is sent by the Clerk to the Council or by myself. I am pleased to say that this method has usually the desired effect.

The following is a summary of the work done:—

Number of Informal Notices served .....	517
„ „ Statutory Notices served .....	31
„ „ Smoke Observations .....	29
„ „ Houses Inspected under Housing Act .....	175
„ „ Infectious Cases Notified .....	220
„ „ Rooms Disinfected .....	373
„ „ Pail Closets Converted to Water Carriage .....	167
„ „ Ash-pits Abolished .....	148
„ „ Ashbins Substituted .....	359
Amount of Diseased & Unsound Meat Destroyed .....	764 lbs.
„ „ Other Foods Destroyed .....	13 lbs.
„ „ „ „ „ „ .....	1500 eggs
Visits to Factory and Workshops .....	64
„ „ Slaughterhouses, Meat, Fish, and other Shops where Food is Prepared or Sold .....	259

Table containing particulars of nuisances and other defects dealt with:—

Nature of Nuisances and other Defects.	Unabated.	Recorded.	Abated.	Unabated.
	1914.	1915.	1915.	1915.
Dirty Houses .....	4	3	7	
Houses Stripped & Whitewashed after cases of Infectious Disease .....	2	8	10	
Defective and Insufficient Ashbins .....	20	125	141	4
„ Sanitary Pails .....	3	50	52	1
„ Drains .....	2	18	17	3
„ Sink Waste Pipes .....	4	59	62	1
„ Closet Doors .....		27	25	2
„ Ash-pit Doors .....		3	2	1
„ W. W. C's .....	3	6	8	1
„ W. C's .....	1	7	8	
„ Downspouts .....		15	15	
„ Eavestroughs .....		4	4	
„ Closet Seating .....		2	2	
„ Closet Roofs and Brickwork .....		3	3	
„ Ash-pits .....	4	84	79	9
„ Middensteads .....		4	4	

Blocked Drains .....		22	22	
Untrapped Drains .....	5	9	11	3
No Ash-pit Accommodation .....		19	17	2
Insanitary Pail Closets .....		4	4	
Dirty Cowsheds .....		1	1	
Dampness to House Premises ....		3	3	
Overcrowding .....	3	3	6	
Accumulation of Offensive Matter		4	4	
,,          ,, Manure .....		9	9	
Insufficient Closet Accommodat'n		6	5	1
Animals so kept as to be a Nuisance		7	7	
Defective Channelling .....		9	9	
		<hr/>	<hr/>	<hr/>
		51	514	537
				28

Nuisances, &c., contained in the above table do not include those dealt with under the Housing Act, particulars of which will be found on page 13.

### SMOKE OBSERVATIONS.

During the year 29 observations have been taken of mill chimneys within the District, and on eleven occasions the limit of Black Smoke allowed by the Council has been exceeded. The duration of each observation was 30 minutes, and the limit allowed for Black Smoke is as follows:—

Where 1 or 2 boilers are working, 2 minutes per half hour.

,, 3	,,	,,	,,	3	,,	,,	,,	,,
,, 4 or more	,,	,,	,,	4	,,	,,	,,	,,

The following table gives the number of observations taken and the result of same:—

Total Observat'ns taken	No Black Smoke	Under 1 minute	1 and under 2 minutes	2 and under 3 minutes	3 and 4 both inclusive	Over 4 minutes
29	9	3	3	3	0	11

Table showing Firms reported to the Health Committee:—

## TABLE SHEWING FIRMS REPORTED TO THE HEALTH COMMITTEE.

NAME OF MILL	Where Situate	No. of Boilers	Coal Consumed Weekly	No. of Boilers Working	Appliances fixed to Furnaces	Result
WREN .....	James Street .....	4	62	3	None .....	Statutory Notice
RUSHBANK .....	Whittaker Street .....	3	42	2	" .....	"
PALM .....	Stockbrook .....	6	12)	5	" .....	"
TEXTILE .....	Cobden Street .....	6	100	5	" .....	"
VALE .....	Peel Street .....	4	53	3	Broadbent's .....	"
SWAN .....	Middleton Junction .....	4	78	3	None .....	"
LOGWOOD .....	Mill Brow .....	1	45	1	Induced Draught .....	"
RAM .....	Slacks Valley .....	4	70	3	None .....	"
UNITED .....	Block Lane .....	4	65	3	Green's Smoke Consumer .....	"
RAMSEY .....	Fields New Road .....	3	63	2	None .....	"
NILE .....	Do. ....	5	100	4	Yates & Thom's Rocking Bars .....	"
VICTORIA .....	Drury Lane .....	2	38	2	None .....	"

You will observe from the above table that twelve Statutory Notices were served upon the offending Firms, and that no proceedings were instituted in any case.

After an observation has been taken on any mill chimney the Firm are furnished with a copy of the report on the same day, if possible, and should the amount of Black Smoke be excessive the works are visited immediately after the observation has been completed and the result reported to the engineer. Further particulars are also obtained.

#### OFFENSIVE TRADES.

The number of premises under this heading is four, and these are in respect of tripe-boiling. They are periodically inspected, and limewashing is regularly carried out.

The Council have not yet adopted any Bye-laws controlling these Trades.

#### SLAUGHTER-HOUSES.

There are seven private Slaughter-houses in the District. These are licensed annually. Three licenses have been cancelled by the Council as the premises were declared to be insanitary or otherwise unfit to be used for the purpose.

The premises are visited regularly each week and, as far as practicable, when slaughtering is taking place.

The premises, together with the lairs, are kept in a fairly satisfactory condition. Limewashing and cleansing of the walls is frequently carried out, and the floors kept in a proper state of repair.

The collection of offal and garbage is undertaken by the Council, and is removed to the Destructor twice weekly. The butchers provide galvanised iron receptacles for the temporary storage of same.



## FOOD INSPECTION.

The visits to premises where the various Foodstuffs are sold, which includes Butchers' Shops, Fish Shops, Green-grocers' and Grocers' Shops, and other premises where Cooked Foods are sold, amounted to 259.

In the course of my inspections I found the various tradesmen agreeable, and every facility was accorded me when visiting their premises. Any article of food I deemed it necessary to draw their attention to they agreed to surrender to me. In some cases the tradesmen, as soon as they became aware that an article was not in a satisfactory condition, at once sought my advice, and upon my decision surrendered the food for destruction. In every case where an article of food is surrendered I give a certificate to the tradesman, stating the weight and condition of food surrendered.

I append a list of diseased and unsound food which was voluntarily surrendered to me during the year and destroyed in the Council's Destructor.

Table of Diseased and Unsound Food surrendered:—

Particulars of Food.	Weight. lbs.	Condition.	Method of Disposal.
Beef.....	400	Tuberculosis.....	Destructor
Frozen Beef .....	132	Unsound .....	„
Offal .....	134	Tuberculosis.....	„
Offal .....	80	Inflammation .....	„
Pork .....	18	Unsound .....	„
Sago .....	13	Infested with Insects	„
1500 Foreign Eggs	...	Unsound .....	„

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Total... 777

## DAIRIES, COWSHEDS, AND MILKSHOPS.

Three applications were received from persons during the year to register as Purveyors of Milk, one has lapsed, having withdrawn from business, so that the number of purveyors on the register is 15. There are also fifty Dairy Farms and one hundred and seventeen Cowsheds registered.

All the Milkshops and several of the Cowsheds have been inspected. Eight of the Cowsheds have been measured up and reported upon. A copy of the report has been supplied to the Owner and Occupier in each case, accompanied by an informal notice requesting them to place the premises in a sanitary condition. Some of the Cowsheds are, however, in such a dilapidated condition that reconstruction is the only remedy advisable.

## INFECTIOUS DISEASES.

During the year 220 cases of Infectious Disease have been notified (including all forms of Tuberculosis).

This number is a substantial reduction on the previous year's record, and Scarlet Fever has not been so prevalent, there being 93 cases against 203 last year.

Careful inquiries were made in each case, and printed instructions, giving particulars of isolation and the necessary care to be taken to prevent the further spread of infection, were left at every house where a case of Infectious Disease has been notified. Where it is found that proper isolation could not be carried out at home the case was removed to Westhulme Hospital.

After a case has been removed to hospital, or otherwise become convalescent, the house is fumigated, and 373 rooms have been so treated. Izal soap is also provided for washing bedding, scrubbing floors, &c. Izal Fluid and Powder is also supplied.

We are somewhat at a disadvantage in providing for thorough disinfection of clothing and bedding owing to the District not being furnished with a proper Disinfecting Station containing a Steam Disinfector. This is to be regretted, as the responsibility falls upon the occupier of the house. Although he is instructed to boil and wash all articles of clothing and bedding that can be so treated, the carrying out of this advice in some cases cannot always be relied upon.

# MONTHLY TOTALS OF REPORTED CASES.

Notified Diseases.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total.	No. of Cases Removed to Hospital.
Smallpox .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria (including Membranous Croup) .....	.....	3	1	1	.....	1	.....	.....	1	1	4	2	14	4
Erysipelas .....	3	.....	1	1	1	1	.....	1	2	1	1	2	14	.....
Scarlet Fever .....	12	9	7	10	15	1	9	14	4	4	1	7	93	32
Enteric Fever .....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	2	1
Puerperal Fever .....	.....	1	1	1	1	.....	.....	.....	.....	.....	.....	.....	4	.....
Ophthalmia Neonatorum .....	1	2	3	1	.....	.....	.....	.....	2	1	1	.....	11	.....
Pulmonary Tuberculosis .....	4	6	4	8	3	6	4	4	3	3	6	6	57	.....
Other forms of do. ....	.....	4	3	1	2	3	3	1	2	1	1	4	25	.....
Totals .....	21	25	20	23	23	12	16	20	14	11	14	21	220	87

## SANITARY CONVENIENCES.

The following table contains a summary of the various types of Closets in the District and of those converted during the year :—

Types of Closets.	Number of Closets 1914.	Erected for New Buildings 1915.	Converted 1915.	Number of Closets 1915.
Pail Closets .....	2,141	—	167	1,974
Waste Water Closets..	2,983	21	117	3,121
Fresh Water Closets...	1,420	5	50	1,475
Totals .....	6,544	26	167	6,570

During the year 423 blocked closets were reported to the Surveyors Department; 387 of these were relating to waste-water closets, which is equivalent to 12.36% of the total number of this type of closet in the District, and 36 were relating to fresh water closets, which is equivalent to 2.44% of the total of this type. The whole of these were attended to by the Surveyor, and free of cost to the owner of the property. The expenses incurred in attending to this work was as follows :—

Unstopping Waste Water Closets ... £12 15s. 6d.

„ Fresh Water Closets ... £2 9s. 0d.

148 Ash-pits have been abolished during the year, and 359 Ash-bins substituted.

## CANAL BOATS ACTS.

Frequent visits were made to the canal towing path for the purpose of inspecting Boats, but I have only been able to examine two boats (both wide). In both cases the boats were satisfactory as regards their occupants and other matters prescribed in the Acts and Regulations.

No case of Infectious Disease was discovered on either boat.

I am,

Yours faithfully,

ARNOLD ASHWORTH, A.R.S.I.

Chadderton Urban District.—Table 1. Vital Statistics of Whole District during 1915 and Previous Years.

YEAR	Population estimated to middle of each year	BIRTHS			TOTAL DEATHS REGISTERED IN THE DISTRICT		TRANSFERABLE DEATHS †		NETT DEATHS BELONGING TO THE DISTRICT			
		Un- corrected Number	NETT.		Number *	Rate	of Non- residents registered in the District	of Resi- dents not registered in the District	Under 1 Year of Age		At all Ages	
			Number +4	Rate 5					Number *	Rate per 1,000 Nett Births 11	Number *	Rate
1	2	3	4	5	6	7	+8	+9	10	11	12	13
1910	28200	723	...	25.6	414	14.6	...	51	110	152	465	16.4
1911	28305	710	714	25.2	403	14.2	6	60	101	141	463	16.3
1912	(Census)	689	694	24.2	435	15.1	9	63	90	129	489	17.0
1913	28670	729	731	25.0	346	11.8	9	62	85	116.3	399	13.7
1914	29512	703	712	24.1	389	13.18	7	66	72	101.1	448	15.21
1915	27868	650	654	22.1	375	13.09	13	68	81	123.8	430	15.4

\* Registrar General's Estimate.

**Notes.**—This Table is arranged to show the gross births and deaths in the district, and the births and deaths properly belonging to it with the corresponding rates. For years before 1911 some of the corrected rates probably will not be available. The rates should be calculated per 1000 of the estimated gross population. In a district in which large Public Institutions for the sick or infirm seriously affect the statistics, the rates in Columns 5 and 13 may be calculated on a nett population, obtained by deducting from the estimated gross population the average number of inmates not belonging to the district in such institutions.

\* In Column 6 are to be included the whole of the deaths registered during the year as having actually occurred within the district. In Column 12 is to be entered the number in Column 6, corrected by subtraction of the number in Column 8 and by addition of the number in Column 9. Deaths in Column 10 are to be similarly corrected by subtraction of the deaths under 1, included in the number given in Column 8, and by addition of the deaths under 1 included in the number given in Column 9.

† The Medical Officer of Health will be able from the returns made to him by the local Registrar of Deaths, as well as from the quarterly lists furnished by the Registrar-General, to fill in Column 8 in accordance with the rule in the next paragraph below. The Registrar-General, either directly or through the County Medical Officer of Health, will supply the Medical Officer of Health with the particulars of deaths to be entered in Column 9; and all such deaths must be included in this Column, unless an error is detected, and its correction has been accepted by the Registrar-General. For Column 4 the Registrar-General will furnish to the Medical Officer of Health a Statement of the number of births needing to be added to or subtracted from the total supplied by the local Registrar.

‡ "Transferable Deaths" are deaths of persons who, having a fixed or usual residence in England or Wales, die in a district other than that in which they resided. The deaths of persons without fixed or usual residence, e.g., casuals, must not be included in Columns 8 or 9, except in certain instances under 3 (b) below. The Medical Officer of Health will state in Column 8 the number of transferable deaths of "non-residents" which are to be deducted, and will state in Column 9 the number of deaths of "residents" registered outside the district which are to be added in calculating the nett death-rate of his district. The following special cases arise as to Transferable Deaths:—

(1) Persons dying in Institutions for the sick or infirm, such as hospitals, lunatic asylums, workhouses, and nursing homes (but not almshouses) must be regarded as residents of the district in which they had a fixed or usual residence at the time of admission. If the person dying in an Institution had no fixed residence at the time of admission, the death is not transferable. If the patient has been directly transferred from one such Institution to another, the death is transferable to the district of residence at the time of admission to the first Institution.

(2) The deaths of infants born and dying within a year of birth in an Institution to which the mother was admitted for her confinement should be referred to the district of fixed or usual residence of the parent.

(3) Deaths from Violence are to be referred (a) to the district of residence, under the general rule; (b) if this district is unknown, or the deceased had no fixed abode, to the district where the accident occurred, if known; (c) falling this, to the district where death occurred, if known; and (d) falling this, to the district where the body was found.

Area of District in acres (land and inland water), 3,082. Total population at all ages, 28,305. Average number of persons per house, 4.45. } At Census, 1911.

Number of inhabited houses, 6,338.



## CHADDERTON URBAN DISTRICT.—Table II.

Cases of Infectious Disease notified during the Year 1915.

NOTIFIABLE DISEASE	NUMBER OF CASES NOTIFIED.								Total Cases Notified in each Locality				Total No. of Cases Removed from each Locality			Total Cases Rem'vd to Hosp'tl	
	At all Ages	At Ages—Years						North Ward	Central Ward	South Ward	North Ward	Central Ward	South Ward				
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65							65 and upwards			
Small-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera (C) Plague (P) ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup) ...	14	...	6	7	1	...	...	...	...	...	...	...	...	...	2	8	4
Erysipelas ... ..	14	...	...	3	...	1	9	...	...	...	...	...	...	...	7	1	6
Scarlet Fever ... ..	93	...	42	43	8	...	...	...	...	...	...	...	...	...	49	37	7
Typhus Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever ... ..	2	...	1	...	...	...	...	...	...	...	...	...	...	...	2	...	...
Relapsing Fever (R) Continued Fever (C) ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever ... ..	4	...	...	...	1	3	...	...	...	...	...	...	...	...	2	1	...
Cerebro-spinal Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Polionymyelitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum ...	11	...	...	...	...	...	...	...	...	...	...	...	...	...	9	2	...
Pulmonary Tuberculosis ...	57	...	...	7	18	23	7	...	...	...	...	...	...	...	22	13	17
Other forms of Tuberculosis	25	3	3	7	7	5	...	...	...	...	...	...	...	...	12	13	5
Totals ... ..	220	14	52	68	35	32	16	3	105	75	40	36	20	10	66	...	66

Isolation Hospitals—Cinder Hill (Smallpox), Chadderton; Westhulme Hospital, Oldham.



Chadderton Urban District.—Table III.  
Causes of, and ages at, Death during the Year 1915.

[illegible]





## Education Report, 1915.

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HEALTH OFFICE,  
TOWN HALL,  
CHADDERTON.

TO THE CHAIRMAN & MEMBERS OF THE EDUCATION COMMITTEE  
OF THE URBAN DISTRICT OF CHADDERTON.

MR. KEMPSEY, MISS BUCKLEY, AND GENTLEMEN,

I have the honour to submit for your consideration the Annual Report on the work done by your Medical Officer and School Nurses during the year 1915.

The appearance of the Report has been delayed owing to the time devoted to the work of the Local Tribunal.

The work at the School Clinic has greatly increased, and the treatment of minor ailments has been carried out under considerable stress by Nurse Reece since Nurse Wolstencroft went away in May to take up Military Nursing.

It is pleasing to report that a number of defects in Schools which were pointed out in last year's Report have been dealt with.

As in previous years the School Nurses have assisted at all the Medical Inspections, carried out the treatment of minor ailments at the Clinic, and made a considerable number of visits to the Schools and to the homes of the children.

I remain,

Your obedient Servant,

JAMES WOOD, M.D., D.P.H.

## Part I.

# Inspection of Schools.

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### BUSK SCHOOL.

INFANTS' DEPARTMENT.—Large Room: Requires decorating. Rain comes in through the dormer windows. Floor moderately clean.

No. 6 Classroom: Walls require painting, and ceiling needs limewashing.

The Cloakrooms are unsatisfactory.

MIXED DEPARTMENT.—Big Room: Floor cleaner than usual, but picture-frames and ledges dusty. The South corner of the room is damp.

Classrooms Nos. 1 and 2: Floors fairly clean. Windows dirty.

Classroom No. 3: Wall damp. Floor dirty. The artificial light in this room is not good.

There is only one towel for this Department, which is quite insufficient.

SANITARY CONVENIENCES: The W.C.'s for the boys and for the girls require limewashing.

## CHRIST CHURCH SCHOOL.

INFANTS' DEPARTMENT.—Big Room: Floor, walls, and ceiling moderately clean.

Classroom 1: Floor dirty. Hot water pipes, ledges, and desks very dusty.

Cloakroom: Dirty floor, and ledges very dusty.

SANITARY CONVENIENCES: All the W.C.'s are dirty and require limewashing.

The broken downspouts mentioned last year have not been repaired.

MIXED DEPARTMENT.—Standard III. B. Room: A dark room, only one side fit to use. Floor fairly clean, but ledges, picture-frames, &c., dusty. No thermometer in this room.

Standards III., IV. and V. Rooms: Floors dirty. Walls and ceiling clean. Ledges and picture-frames dusty.

LOWER DEPARTMENT.—Floor dirty, and almost everything very dusty.

Playgrounds: One downspout in boys' playground blocked. The downspouts in the other playground, mentioned in last year's Report, have not yet been repaired.

## CORPUS CHRISTI SCHOOL.

MIXED DEPARTMENT.—Large Room: Floor clean. Ceiling and windows clean. One of the partitions is broken.

Classrooms.—Standard I. Room: The defective floor has been partially repaired since last year. Very little dust or dirt in any of the Classrooms.

Standard II. B. Room: Some defective boards in the floor, also a defective board in the floor at the door in the passage opposite Standard II. B. Room.

Cloakrooms.—Boys': Defective plaster on wall due to dampness; floor clean, very little dust. Girls': Floor very clean, walls and ceiling fair.

Playgrounds.—Boys': A new grid is required over the gully in this yard.

SANITARY CONVENIENCES.—Boys' W.C.'s (3) all clean. Girls' W.C.'s (5) all very clean.

The downspouts and eaves gutters have been satisfactorily repaired since the last Report.

INFANTS' DEPARTMENT.—Large Room: The walls and ceiling require decorating. Floor very fair.

Classrooms: Floors and ceilings clean. There are some broken boards in the floor of Classroom III.

Cloakroom: Floor, walls, and ceiling moderately clean.

## DENTON LANE SCHOOL.

MIXED DEPARTMENT.—Large Room: Floor dirty. Ceiling and walls fairly clean. This room is overcrowded, and has not sufficient ventilation.

Classrooms.—No. I.: Ceiling and walls fairly clean. Floor dirty. Windows dirty. Temperature 56°

No. II.: Floor, walls, and ceiling moderately clean. The floor has been repaired since last year. No thermometer in here.



Cloakrooms.—Girls' and Infants': Floor, walls, and ceiling clean.

Boys' Mixed: Floor dirty. Ventilation insufficient.

There is a broken downspout on the Boys' (Infants') Cloakroom.

SANITARY CONVENIENCES.—Boys' W.C.'s (3) need lime-washing. One has a damp wall. The flags in the passage are badly laid and water lodges in them.

Girls' W.C.'s (3): Clean, but require limewashing. The walls are damp.

INFANTS' DEPARTMENT.—Large Room: Cold in here. No thermometer. Floor moderately clean. Pictures and ledges clean.

Classroom: Floor clean. Walls and ceiling fair.

### DRURY LANE SCHOOL.

Large Room and Classroom I. A.—Floors moderately clean. Very little dust. The walls and ceilings need decorating.

INFANTS' ROOM.—Floor clean. Very little dust in this room.

The Cloakroom clean.

SANITARY CONVENIENCES.—All clean and in good repair. The defects found last year have been remedied.

Playgrounds.—Surfaces uneven. Pools of water left after rain.

Eaves gutter of the Cloakroom slightly defective.

### EUSTACE STREET SCHOOL.

INFANTS' DEPARTMENT.—Large Room: Floor clean. Walls and ceiling fair.

Classrooms 1, 2 and 3.—Floors, walls and ceilings clean.

SANITARY CONVENIENCES.—The W.C.'s for the boys and the girls require limewashing.

Cloakroom.—Floor, walls, and ceiling clean. Two clean towels.

MIXED DEPARTMENT.—Large Hall and Classrooms: The floors, walls, ledges, &c., were clean and comparatively free from dust.

The artificial lights in Standard II. B. Room are not very good.

Well ventilated on the whole. Only two rooms a bit "stuffy," the windows being closed.

Girls' Cloakroom.—Floor clean. Walls require decorating.

SANITARY CONVENIENCES.—All the W.C.'s were clean and in good order.

Playgrounds.—Boys': The surface is in poor condition and requires repairing. The Girls' Playground is in good condition. The defects pointed out last year have been remedied.

### MIDDLETON JUNCTION SCHOOL.

MIXED DEPARTMENT.—Large Room: Walls and ceiling good. Floor fairly clean. Ventilation deficient. Ledges, &c., dusty.

Small Classroom : Walls and ceiling good. Some dampness in the ceiling in one place. No thermometer.

Cookery Room : Walls very rough—dusty. Floor dirty. Wall on North side damp. Temperature 65.°

Cloakrooms.—Girls' : Walls and ceiling good ; floor fair. Boys' : Ceiling wet, water coming through ; floor dirty ; walls fair.

SANITARY CONVENIENCES.—All clean and in good repair.

There is a defective downspout on the Joshua Lane side of the School.

INFANTS' DEPARTMENT.—Large Room and Classroom : Walls and ceilings clean. Floors fair.

Cloakroom.—Walls, ceiling, and floor clean. Very little dust.

## MILLS HILL SCHOOL.

MIXED DEPARTMENT.—Large Hall : Floor dirty. Dusty ledges and picture-frames.

Classrooms Nos. 1 and 2 : Floors dirty. Plenty of dust in these rooms.

Cloakrooms.—Boys' : Floor dirty. Walls and ceiling fairly clean. One poor, dirty towel.

Girls' and Infants' : Floor dirty. Walls very dusty. One clean towel.

Playgrounds.—Boys' : Very dirty surface. Part of the partition dividing the yard from the road is broken down.

Girls' and Infants' : Surface very wet. A portion of the wooden fence dividing the yard from the road is missing.

SANITARY CONVENIENCES.—All clean and in good order.

INFANTS' DEPARTMENT.—Large Room: Cleanliness of floor fair. Ledges, picture-frames, &c., dusty.

Very warm in this room. Temperature  $70^{\circ}$

Classroom and Cookery Room.—Floor clean. Desks, ledges, &c., dusty.

### ST. LUKE'S CHURCH SCHOOL.

MIXED DEPARTMENT.—Large Room: Floor and windows dirty. Walls dusty. Defective boards in the floor at entrance to the Girls' Cloakroom. Cool in here, temperature  $54^{\circ}$

Classrooms.—The floors, ledges, picture-frames, &c., are not kept as clean as they ought to be.

The hole in the floor of No. 5 Classroom has not been properly covered in yet.

Cloakrooms.—Boys': Walls and ceiling require decorating. Floor clean. One clean towel.

Girls': Floor clean. Walls and ceiling fair.

SANITARY CONVENIENCES.—Girls' and Infants' W.C.'s: Some slates missing from the roofs of three closets. All are dirty and require limewashing.

Boys': All require limewashing. The slates are defective in two of the closets.

Playgrounds.—The surfaces of the playgrounds thick with mud.

INFANTS' DEPARTMENT.—Large Room: Floor fairly clean. Windows dirty. Walls require decorating. Ceiling requires limewashing.

Classroom: Floor clean. Walls and ceiling fair. No thermometer.

Cloakroom: Floor clean. Walls and ceiling clean. One clean towel.

## ST. MARK'S CHURCH SCHOOL.

INFANTS' DEPARTMENT.—Big Room: Floor clean. Walls and ceiling fairly clean. Ledges and picture-frames dusty.

Classroom.—Floor clean. Walls and ceiling moderately clean.

Cloakroom.—One clean towel. Floor and walls clean. Ledges dusty.

MIXED DEPARTMENT.—Large Room: Walls in fair condition. Ceiling clean. Floor fairly clean. Decidedly cool in this room, temperature 53°. Some additional means of heating this room should be provided. Windows fairly clean.

Middle Room.—Some defective boards in the floor require replacing. Some improvement has been made since last year.

Classroom 6.—Walls require decorating. Floor moderately clean. This room was too cool to be comfortable, the temperature being 54° only.

Cloakrooms.—Girls': Water-tap defective. Floor and walls fairly clean. Ceiling good.

Boys': Floor very wet. Walls and ceiling fairly clean.

Playgrounds.—Boys': Very dirty surface. There was a large amount of loose paper about which should have been in the ashbins. Two night-soil pails are used for ashbins.

Girls' & Infants': The surface of the playground is bad.

SANITARY CONVENIENCES.—Boys': The W.C.'s require limewashing. The brickwork over three of them is in a dilapidated condition.

Girls': The W.C.'s were clean, having been newly lime-washed.

## ST. MATTHEW'S CHURCH SCHOOL.

MIXED DEPARTMENT.—Large Room: Floor uneven. Some defective boards require replacing. Moderately clean. Walls moderately clean. Ledges, &c., rather dusty.

Classroom.—Floor uneven, fairly clean. Warm in this room, temperature 65°.

INFANTS' ROOM.—Walls clean. Floor moderately clean. Ledges, &c., rather dusty.

Cloakrooms.—Boys': Floor clean. Ceiling and walls clean. One clean towel.

Girls': Clean walls, floor, and ceiling. One clean towel.

SANITARY CONVENIENCES.—Boys' and Girls': All clean.

## STANLEY ROAD SCHOOL.

SENIOR DEPARTMENT.—All the floors fairly clean except the Cookery Room, which is dirty. Some of the walls and ceilings require decorating.

Cloakrooms.—Floors clean. Walls require decorating.

JUNIOR DEPARTMENT.—Floors fairly clean. Ledges, picture-frames, pipes, &c., dusty. Walls and ceilings require decorating.

Classroom Standard II. B. is damp in one corner.

Cloakrooms.—Clean, but walls and ceilings require decorating.

Playgrounds.—The asphalt is badly broken in many places in both yards.

SANITARY CONVENIENCES.—All the W.C.'s were clean and in good repair.

INFANTS' DEPARTMENT.—Floors of Large Room and Classroom III. clean, the other moderately clean. Very little dust in this Department.

The gas pendants are too far away from the blackboards in the Classrooms.

Cloakrooms.—Floors clean. Walls and ceilings require decorating. The ceiling of Boys' Cloakroom was damp.

Playgrounds.—The surface (asphalt) of the yard is broken in several places. One gully blocked.

SANITARY CONVENIENCES.—All the W.C.'s clean and in good order.



## Part II.

# Medical Inspection of School Children.

---

Particulars of the number of children to be examined are obtained from time to time from the Head Teachers. Notices are sent to parents stating that their child is to be examined on a given date. The notice has a list of diseases printed on, and the parent is asked to mark the affections from which the child has suffered. The time of examination is approximately stated. The Head Teachers fill in certain particulars on the inspection cards, e.g.: name, address, date of birth, &c. The School Nurse is present at the inspection, and weighs and measures the children and helps them with their clothing.

The School Medical Officer is also the Medical Officer of Health, so the respective services can easily be worked together.

The Board's Card, as suggested in Circular 576, is in use.

The inspections are done on the School Premises except at Mills Hill Church School and Middleton Junction Wesleyan School; permission has been given by the Board for these diversions.

On finding any defect during the inspection of a child, this is pointed out to the parent, if present, and advice given as to the best means of treating same. If the parent is not present, one of the School Nurses visits the home, or a notice is sent by the School Medical Officer to the parent stating the defect, and, if necessary, advising the attendance of a medical practitioner. Many of the cases are also again visited at their homes by the School Nurse to see if any steps have been taken to improve the defective condition. If still untreated, she further urges the necessity of obtaining proper treatment. A large number of these children attend at the Clinic for treatment, and consequently fewer home visits are necessary.

Medical inspection does to some extent in several Schools disturb the School arrangements. No complaint was made during the year.

The number of visits paid to Schools and Departments during the year by the School Medical Officer was 70 for medical inspections and 33 for other purposes, e.g., making enquiries and examining the children in classes in which infectious disease has occurred, cleanliness of the school premises, &c.

The children selected for examination have been Entrants, Intermediates (8 years), and those over 12 years of age. Owing to the absence of one of the Nurses all the Intermediates could not be examined. A few at other ages have also been examined.

The following table gives the number of children inspected, classified for age at date of inspection and sex :—

TABLE I.—Number of Children Inspected 1st January, 1915, to 31st December, 1915.

A.—“CODE” GROUPS.

Age	ENTRANTS					INTERMEDIATE GROUP		LEAVERS				Grand Total
	3	4	5	6	Other Ages	Total	8	12	13	14	Other Ages	Total
Boys	0	2	274	28	5	309	91	258	10	0	0	268
Girls	0	0	251	32	4	287	88	290	14	0	1	305
Totals	0	2	525	60	9	596	179	548	24	0	1	573
												44
												1348

B.—GROUPS OTHER THAN CODE.

Intermediate Group (other than 8 years)		Special Cases.		Re-Examinations, i.e. No. of Children Re-Examined.	
Boys	10	20	91		
Girls	5	23	116		
Totals	15	43	207		

The average time per head occupied by inspection was a little over six minutes.

During the medical inspection of 596 entrants 290 parents were present, or 50.17%; of 179 intermediates, 74, or 41.3%; of 573 leavers, 145 parents were present, or 25.3%.

The number in respect of whom directions were given for treatment of defects was 527 (497 verbally, 30 written notices).

The Height and Weight of children inspected according to age at date of inspection and sex are as follow:—

**TABLE II.—Height and Weight.**

**BOYS' HEIGHT AND WEIGHT.**

Age	No. exam'd	Height inches	Standard Height inches	Height Cms.	Standard Height Cms.	Weight lbs.	Standard Weight lbs.	Weight Kilos.	Standard Weight Kilos.
5	280	39.9	40.4	101.3	102.6	39.7	38.67	18.01	17.54
6	29	41.9	42.4	106.4	107.7	44.7	42.96	20.28	19.49
7	14	44.6	44.9	113.3	114.1	45.3	46.67	20.54	21.18
8	91	46.1	46.6	117.1	118.4	50.2	49.86	22.77	22.62
12	257	52.7	54.9	133.8	139.4	68.6	72.51	31.12	32.89
13	11	53.7	55.7	136.4	141.5	76.6	76.91	34.74	34.88

**GIRLS' HEIGHT AND WEIGHT.**

Age	No. exam'd	Height inches	Standard Height inches	Height Cms.	Standard Height Cms.	Weight lbs.	Standard Weight lbs.	Weight Kilos.	Standard Weight Kilos.
5	253	40.0	40.1	101.6	101.8	38.3	37.44	17.37	16.97
6	34	42.5	42.1	107.9	106.9	42.1	40.83	19.09	18.52
7	9	44.4	44.5	112.8	113.0	45.4	45.10	20.59	20.46
8	88	45.6	46.1	115.8	117.1	47.0	48.68	21.32	22.08
12	292	53.9	54.6	136.9	138.7	69.5	73.28	31.52	33.23
13	13	56.3	56.6	143.0	143.7	81.4	79.54	36.92	36.08

The standard height and weight given in the above table is for children in the North of England, and is taken from the table prepared by Doctors A. W. Tuxford and R. Ashleigh Glegg.

At intervals the School Nurses examine the children in the Schools as to their cleanliness. As a result many cases of (A) Pediculosis of the head, (B) Ringworm of the scalp, and a few with vermin on the body were found. All these cases were excluded from School until cured. The Nurses "follow up" the cases, and, if possible, get the cases of Pediculosis of the head to attend at the School Clinic. Cases attending get better much quicker than those treated at home. The parents of the children suffering from Ringworm of the scalp are advised to have X-Rays applied. Nineteen cases have been treated by X-Rays during the year.

The following is a Record of the work of the School Nurses during the year (One Nurse after June 1st):—

Medical Inspections .....	70
Home Visits .....	790
School Visits .....	278

All the children in 18 Schools were examined by the Nurse as to cleanliness, &c., and at practically every visit to a School by the Nurse at least one class is examined.

Special visits were made by the Schools Medical Officer to Schools to make enquiries about cases of Infectious Disease, and to examine classes of children in which these diseases had occurred. Such visits were made on account of the prevalence of Measles, Scarlet Fever, and Whooping Cough.

During the year the Infants' Department at Middleton Junction was closed on account of Measles.

The Education Committee again decided to subscribe ten guineas to the Oldham Royal Infirmary. In return for this amount twenty recommends were provided for the use of scholars residing in Chadderton.

The recommends are issued by the School Medical Officer.

The following cases were provided with recommends, and the results of the treatment are also shown:—

	In.	Out.	Cured.	Imp'ved.
Ringworm of Scalp .....	...	8	8	...
Enlarged Tonsils and Adenoids	1	3	4	...
Keratitis .....	...	1	...	1
Ulcer of Cornea .....	...	1	...	1
Aural Polypus .....	...	1	1	...
Tubercular Bones of Foot .....	1	...	...	1

Condition as to Vaccination of the Children examined:

#### ENTRANTS.

0 marks .....	353	=	59.2%
1 mark .....	8	=	1.3%
2 marks .....	26	=	4.4%
3 marks .....	12	=	2.0%
4 marks .....	197	=	33.1%

#### INTERMEDIATES.

0 marks .....	69	=	38.5%
1 mark .....	6	=	3.4%
2 marks .....	16	=	8.9%
3 marks .....	12	=	6.7%
4 marks .....	76	=	42.5%

#### LEAVERS.

0 marks .....	207	=	36.1%
1 mark .....	12	=	2.1%
2 marks .....	58	=	10.1%
3 marks .....	40	=	7.0%
4 marks .....	256	=	44.7%

For the past few years greater advantage has been taken of the ability to obtain exemption from vaccination. This is well shown in the difference between the percentages of Entrants and Leavers, who are fully protected against Small-pox. Over 59% of the Entrants (mostly 5 years of age) have no evidence whatever of successful vaccination; thus a large number of susceptible children are growing up who will provide a suitable soil for this disease should it get a foothold in the District.

MISCELLANEOUS WORK.—During the year 128 specimens of hair or scraping from the skin were examined for the Ringworm Fungus; 61, or 47.6 per cent., gave a positive result.

There is no Special School in the District for physically and mentally defective children, the blind or the deaf, but arrangements are made for some of these cases to attend the respective Schools belonging to the County Borough of Oldham.

No scholarship candidates, pupil teachers, or teachers of any grade have been examined during the year.

Sixteen children were operated upon for Enlarged Tonsils, Adenoids, or both, and 19 cases of Ringworm of the scalp were treated by X-Rays.



## Part III.

### The School Clinic.

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Situated at 90 and 92, Cowhill. The rooms in use are : Two waiting-rooms for parents and children, one for the Nurses where the treatment of minor ailments is carried out, one for a consulting room for the Doctor, and a small room fitted up for the examination of eyes, ears, &c.

Opened September 14th, 1914.

The School Medical Officer attends on Monday and Thursday mornings to examine them, to advise treatment where necessary, and to supervise the treatment of minor ailments which is carried out by the School Nurses.

During the first five months of the year there were two School Nurses. After this time the work was carried out by one Nurse, the Council having given permission to Nurse Wolstencroft to take up Military Nursing.

The Nurses attend at the Clinic each morning at 9-30 except Saturday, the work frequently continuing until 1-0 p.m.

Special times are arranged by the School Medical Officer for the examination of cases of suspected defective eyesight. The parents of these children are interviewed by the Nurses,

who point out to them the difficulty under which the children at school are working. The parents are advised to have their children examined, and to purchase glasses if found necessary. After examination, if found necessary, a prescription for glasses is given. After purchasing, the child again visits the School Medical Officer at the Clinic to see if the spectacles provided are suitable.

Each Friday morning the Clerk from the Health Office attends at the Clinic to do some of the clerical work relating to the work done during the week.

During the year 659 children have been treated at the Clinic, and 9,402 attendances were made by these children. Thus it will be seen that the work at the Clinic has become very considerable, perhaps greater than was at first anticipated. The treatment of such numbers of children by one Nurse is a difficult task.

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#### SCHOOL EXEMPTION.

Number of Exemption Certificates given .....	622
Number Certified Fit to attend School .....	133
	<hr/>
	755
	<hr/>

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#### CLASSIFICATION OF CASES EXAMINED AT CLINIC.

Abscess .....	16
Adenitis .....	13
Anæmia and Debility.....	26
Chilblains .....	9
Diarrhœa .....	1

## Diseases of the Chest :—

Bronchitis .....	21
Pleurisy .....	1

## Diseases of the Ear :—

Cerumen .....	114
Deafness .....	3
Foreign Body in Ear .....	1
Otitis Media .....	3
Otorrhœa .....	31
Polypus .....	1

## Diseases of the Eye :—

Blepharitis .....	28
Conjunctivitis .....	25
Foreign Body in Eye.....	6
Keratitis .....	2
Nebula Corneæ .....	1
Ophthalmia .....	19
Stye .....	4
Squint and Defective Vision .....	8
Ulcers of Cornea.....	13

Ganglion .....	1
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Heart Disease .....	3
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Indigestion .....	2
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## Infectious Diseases :—

Chicken-pox .....	3
German Measles .....	1
Mumps .....	1
Whooping Cough .....	3

Injuries .....	38
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## Nervous System :—

Chorea .....	4
Epilepsy .....	2
Infantile Paralysis .....	1
Paralysis after Diphtheria .....	1
„ (Hysterical) .....	1

## Nose and Throat :—

Adenoids .....	2
Enlarged or Inflamed Tonsils .....	25
Nasal Obstruction (not Adenoids) .....	7
Rheumatism .....	4
Rickets .....	3
Rupture .....	1

## Diseases of the Skin :—

Acne .....	1
Alopecia .....	8
Boils .....	1
Burns .....	8
Eczema .....	40
Erythema .....	2
Herpes .....	8
Impetigo .....	170
Nits .....	10
Pediculi Capitis .....	48
	— 58
Pediculi Corporis .....	7
Ringworm of Body.....	34
„ „ Head .....	83
Seborrhœa Capitis .....	1
Urticaria .....	3
Warts .....	2
Scald .....	3
Sores .....	50
Sprain .....	1
Stomatitis .....	1

## Tubercular Diseases :—

Bone .....	1
Glands .....	12
Lungs .....	13
Various .....	12

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Total ..... 968

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EXAMINATION OF CHILDREN SUSPECTED OF SUFFERING FROM  
DEFECTIVE EYESIGHT.

During the year 84 children came to the Clinic to have their eyesight tested, and 17 did not respond to the invitation.

Sixty prescriptions for Glasses were given for the following conditions :—

Hypermetropia (27), Hyper. Astigmatism (13)	40
Myopia (5), Myopic Astigmatism (10).....	15
Mixed Astigmatism .....	5

Of the remainder—

- 4 suffered from Cataract;
- 1 suffered from Nystagmus, leucoma, and strabismus,
- 5 were provided with suitable Glasses,
- 2 were provided with suitable Glasses by the  
Guardians,
- 2 obtained Glasses from other sources.
- 10 did not require Glasses.

# CLASSIFICATION OF CASES TREATED AT THE CLINIC.

No. of Attendances at Clinic..... 9,402.

DISEASE	Number	Cured	Improved	Left to be Treated at Home	Still attending at end of Year	X Rays	Full Time	Skin & Other Hospitals
Impetigo, &c. ....	142	132	4	5	...	...	1	...
Ringworm—Head .....	38	13	...	4	12	6	2	1
do. Body .....	24	24	...	...	...	...	...	...
Pediculosis .....	39	37	1	1	...	...	...	...
Cerumen .....	93	93	...	...	...	...	...	...
Otorrhœa .....	32	23	...	1	8	...	...	...
Nits .....	5	5	...	...	...	...	...	...
Sores .....	54	54	...	...	...	...	...	...
Conjunctivitis .....	33	25	...	...	4	...	...	4
Blepharitis .....	30	25	...	1	4	...	...	...
Eczema .....	33	24	2	4	2	...	1	...
Ophthalmia .....	20	17	...	1	2	...	...	...
Ulcer of Cornea .....	9	4	2	...	1	...	...	O.R.I. 2
Septic Wounds .....	21	19	...	1	1	...	...	...
Burns .....	6	5	...	1	...	...	...	...

DISEASE	Number	Cured	Improved	Left to be Irritated at Home	Still attending at end of Year	X Rays	Full Time	Skin & Other Hospitals
Chilblains .....	8	6	...	1	1	...	...	...
Foreign Body in Eye, &c..	7	7	...	...	...	...	...	...
Debris in Ear .....	2	2	...	...	...	...	...	...
Herpes .....	4	4	...	...	...	...	...	...
Injuries .....	15	15	...	...	...	...	...	...
Boils .....	3	3	...	...	...	...	...	...
Swollen Glands .....	2	1	...	1	...	...	...	...
Blood in Ear Passage .....	2	2	...	...	...	...	...	...
Stye .....	3	3	...	...	...	...	...	...
Abscesses .....	10	7	1	1	...	...	...	1
Scurf .....	9	9	...	...	...	...	...	...
Blisters on Heel, &c. ....	2	2	...	...	...	...	...	...
Other Causes .....	13	8	3	2	...	...	...	...
Totals .....	659	569	13	24	35	6	4	8



## CHADDERTON EDUCATION COMMITTEE CLOG FUND.

The following particulars of the above Fund have been kindly given to me by Miss Buckley, the Hon. Secretary and Treasurer to the Clog Fund.

In submitting the Annual Statement of the above Fund for the year ending April, 1916, I am able to report that the demand for assistance has been exceedingly moderate in comparison with the preceding year.

Trade and general circumstances have been favourable, and the Government allowances to those families who usually sought assistance from the Clog Fund have, to a great extent, improved their position and made them more self-supporting.

Owing to the rise in price of materials the cost of Clogs has considerably increased.

A request was laid before the Relief Committee for a contribution to the Fund consequent upon the high demand during the distress occasioned by the advent of the war. The issue of clogs was very great in the previous year. A subsequent grant of £10 enabled the work to continue without appealing to the public in addition to the numerous other appeals.

At the commencement of the year the balance in hand was £2 1s. 11d.

Fifty-three pairs of clogs have been provided at a cost of £7 1s. 2d., as against 241 pairs costing £28 11s. 7d. last year. This leaves a balance carried of £7 10s. 7½d.

### FREE MEALS.

Work in the District has been good during the year, so there has been very little demand for Free Meals.

The total cost of the " free meals " provided (Breakfast) being £4 0s. 3d.

**Table IV.—Return showing the Physical Condition of Children Inspected.**

CONDITION.															
TOTAL INSPECTED.....															
ENTRANTS					LEAVERS					INTERMEDIATE GROUP				TOTAL	
	Boys	Girls	T'tal	Per Cent.		Boys	Girls	T'tal	Per Cent.		Boys	Girls	T'tal	Per Cent.	
	309	287	596			268	305	573			91	88	179	668	
CLOTHING:	229	241	470	78.9		168	252	420	73.3		61	72	133	458	
Unsatisfactory	80	46	126	21.1		100	53	153	26.7		30	16	46	210	
FOOTGEAR:	244	250	494	82.9		213	263	476	83.1		69	71	140	526	
Satisfactory	65	37	102	17.1		55	42	97	16.9		22	17	39	142	
Unsatisfactory	290	162	452	75.8		261	125	386	67.4		87	37	124	638	
CLEANLINESS OF HEAD:	15	108	123	20.6		6	160	166	28.9		4	46	50	25	
Nits only	4	17	21	3.6		1	20	21	3.7		5	5	5	5	
Pediculi	294	276	570	95.6		257	282	539	94.1		86	80	166	637	
CLEANLINESS OF BODY:	15	10	25	4.3		11	21	32	5.6		5	8	13	31	
Dirty															
Pediculi present			1	.1				2	.3					3	
Excellent	58	62	120	20.1		38	78	116	20.2		21	14	35	117	
Normal	215	193	408	68.5		175	188	363	63.4		60	53	113	450	
Below Normal	36	30	66	11.1		55	39	94	16.4		10	21	31	101	
Bad		2	2	.3										2	
NOSE AND THROAT:	227	229	456	76.5		201	220	421	73.4		57	50	107	485	
No Defect	11	3	14	2.4		1	4	5	.9		3	2	5	15	
Mouth Breathers	69	60	129	21.6		64	77	141	24.6		21	29	50	154	
Tonsils, slightly enlarged	7	6	13	2.2		2	7	9	1.6			3	3	9	
" much enlarged	6	3	9	1.5		2	5	7	1.2		2	3	5	10	
Adenoids, slight	1	1	2	.3		1		1	.2					2	
" marked															
Other Defects	5	9	14	2.4							20	10	30	25	
EXTERNAL EYE DISEASE:	289	276	565	94.8		258	290	548	95.6		87	82	169	634	
No Disease	14	7	21	3.6		3	3	6	1.0		1	2	3	18	
Blepharitis	1	2	3	.5		1	4	5	.9		1		1	3	
Conjunctivitis	1	1	2	.3		2	4	6	1.0		1	3	4	6	
Corneal Opacities	4	1	5	.8		7	8	15	2.6		3	3	6	14	
Other Disease	283	259	542	90.9		222	259	481	83.9		79	72	151	584	
EAR DISEASE:	19	20	39	6.5		33	25	61	10.6					52	
No Disease	14	14	28	4.7		23	26	49	8.5					37	
Obstruction (R)															
" (L)															
Otorrhea (R)	2	1	3	.5		1	4	5	.9					3	
" (L)	1	2	3	.5			1	3	.5		1		1	6	
Other Disease	1	1	2	.3							12	16	28	15	



Table IV.—Return showing the Physical Condition of Children Inspected.—continued.

CONDITION	LEAVERS				INTERMEDIATE GROUP				TOTAL			
	Boys	Girls	Total	Per Cent.	Boys	Girls	Total	Per Cent.	Boys	Girls	Total	Per Cent.
VISION: { 6/6 each eye (normal vision) Less than 6/6, but not less than 6/9 in one or both eyes. Less than 6/9 in one or both eyes (i.e., 6/12 or less), Squint {	202	196	398	71.4	61	55	116	65.2	263	251	514	69.9
	18	29	47	8.5	7	10	17	9.5	25	39	64	8.7
	45	67	112	20.1	23	22	45	25.3	68	89	157	21.4
{	7	8	15	2.7	2	1	3	1.7	9	9	18	2.4
	8	4	12	2.0	...	...	...	...	...	...	...	...
20ft. each ear (norm. hearing)	251	280	531	92.7	84	83	167	93.3	335	363	698	89.3
20ft.—R.....	7	4	11	1.9	4	1	5	2.8	11	5	16	2.0
L.....	3	10	13	2.3	1	2	3	1.7	4	12	16	2.0
10ft.—R.....	3	13	16	2.9	1	1	2	1.1	4	14	18	2.3
L.....	4	6	10	1.7	3	3	6	3.3	7	9	16	2.0
5ft.—R.....	7	5	12	2.1	2	1	3	1.7	9	6	15	1.9
L.....	4	7	11	1.9	2	0	2	1.1	6	7	13	1.7
OTHER DISEASE OR DEFECT:	146	157	303	50.8	164	164	346	60.3	64.2	387	764	67
	176	118	294	49.3	142	226	33	39.4	36.3	293	585	43.4





TABLE VI.—Treatment of Defects of Children during 1915.

DEFECT	Old Cases	New Cases	Total	No Report	TREATED			Untreated	Percentage of Defects Treated
					Remedied	Improved	Unchanged		
Ringworm .....	18	31	49	4	42	3	...	...	100
Defective Vision ...	6	22	28	2	19	...	...	7	75
Tonsils .....	6	13	19	...	9	4	...	6	68.4
Tonsils & Adenoids. 1	1	2	3	...	3	...	...	...	100
Adenoids .....	1	1	2	...	2	...	...	...	100
Impetigo .....	...	15	15	...	15	...	...	...	100
Heart Disease .....	...	6	6	...	...	6	...	...	100
Strabismus .....	...	7	7	...	6	...	...	1	85.7
Pediculi (Head) .....	...	6	6	...	6	...	...	...	100
„ (Head & Body) ...	...	2	2	...	2	...	...	...	100
Cerumen .....	...	7	7	...	6	...	...	1	85.7
Nasal Obstruction... ..	...	4	4	2	...	...	2	...	100
„ Polypus .....	1	...	1	...	1	...	...	...	100
Conjunctivitis .....	...	4	4	...	4	...	...	...	100
Blepharitis .....	...	3	3	...	1	2	...	...	100
Tuberculosis—Lungs ...	...	4	4	...	...	3	1	...	100
„ Glands ...	...	1	1	...	...	1	...	...	100
Tonsilitis .....	...	3	3	...	3	...	...	...	100
Whooping Cough ...	...	3	3	...	2	1	...	...	100



DEFECT	Old Cases	New Cases	Total	No Report	TREATED			Percentage of Defects Untreated	Treated
					Remedied	Improved	Unchanged		
Teeth .....	...	2	2	...	...	2	...	...	100
Mentally Defective..	...	4	4	...	...	...	...	4	0
Leucoma .....	...	1	1	...	...	1	...	...	100
Foreign Body in Ear	...	1	1	...	1	...	...	...	100
Paralysis .....	...	1	1	...	1	...	...	...	100
Scalds .....	...	1	1	...	1	...	...	...	100
Diphtheria .....	...	1	1	...	1	...	...	...	100
Cataracts .....	1	1	2	...	...	1	1	...	100
Otorrhœa .....	...	1	1	...	1	...	...	...	100
Enuresis .....	...	1	1	...	...	1	...	...	100
Scabies .....	...	1	1	1	...	...	...	...	0
Chicken Pox .....	...	1	1	...	1	...	...	...	100
Eczema .....	...	1	1	...	...	1	...	...	100
Septic Wound .....	...	1	1	...	1	...	...	...	100
Mumps .....	...	1	1	...	1	...	...	...	100
Dirty Bodies .....	...	2	2	...	2	...	...	...	100
Insufficient Clothing	...	1	1	...	...	1	...	...	100
Overclad .....	...	1	1	...	...	1	...	...	100

The numbers under the heading "No Report" are chiefly those children who have left the District or have become full time. These numbers have not been taken into account in the "percentage of defects treated."





